

Comparisons of Job Characteristics

Focus Occupation: [Printing Machine Operators \(51-5023\)](#)

Associated Occupation: [Job Printers \(51-5021\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Printing Machine Operators (51-5023)

Associated Occupation: Job Printers (51-5021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	14.6	10.0	<< Extensive education and/or training may be required
Mechanical	6.8	14.1	11.3	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Printing Machine Operators (51-5023)

Associated Occupation: Job Printers (51-5021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	10.4	11.1	0 Current skill level may be sufficient
Operation and Control	5.4	9.8	10.6	0 Current skill level may be sufficient
Equipment Maintenance	3.5	8.6	7.7	< A higher skill level may be required
Quality Control Analysis	5.9	8.5	10.3	> Skill level is likely sufficient
Troubleshooting	4.5	8.0	7.9	0 Current skill level may be sufficient
Repairing	3.4	7.7	6.2	< A higher skill level may be required
Equipment Selection	3.3	6.2	5.8	0 Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Printing Machine Operators (51-5023)
Associated Occupation: Job Printers (51-5021)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	10.8	10.0	0	Current ability level may be sufficient
Control Precision	6.6	10.4	10.8	0	Current ability level may be sufficient
Selective Attention	8.7	10.2	9.7	0	Current ability level may be sufficient
Reaction Time	4.8	10.1	9.2	0	Current ability level may be sufficient
Trunk Strength	5.7	9.6	10.3	0	Current ability level may be sufficient
Visual Color Discrimination	6.4	8.8	10.5	>	Current ability level is likely sufficient
Rate Control	3.8	7.5	8.1	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Printing Machine Operators (51-5023)
Associated Occupation: Job Printers (51-5021)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Assure quality control in printing processes	92
Clean equipment or machinery	20
Examine products or work to verify conformance to specifications	15
Identify color or balance	69
Load or unload material or workpiece into machinery	34
Operate printing equipment/machinery	84
Set page layout or composition	82
Understand technical operating, service or repair manuals	6
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Printing Machine Operators (51-5023)
Associated Occupation: Job Printers (51-5021)

Tools and Technologies	Exclusivity
Binding and lamination machines	35
Book binding and sewing equipment and accessories	80

Business function specific software	1
Cameras	2
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Dispensing tools	6
Duplicating machines	6
Electrochemical measuring instruments and accessories	9
Fluid mechanics equipment	11
Industrial drying equipment	33
Information exchange software	1
Length and thickness and distance measuring instruments	2
Paper processing machines and accessories	47
Printer and photocopier and facsimile accessories	90
Printing accessories	90
Printing laboratory equipment and accessories	90
Printing machinery accessories	90
Printing machinery and equipment	90
Warehousing equipment and supplies	47
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.